

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 13224  
Application ID: 09683286  
Title of Invention: PERMANENT MAGNET TYPE  
ROTOR AND PERMANENT  
MAGNET TYPE ROTARY ELECTRIC  
MACHINE  
First Named Inventor: Tadashi Takano  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-12-10  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: SIMTEK6227  
Digital Certificate Holder: cn=Ernest A. Beutler, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: ali/5DY2bBIPMOJvWUS+WA==  
Total Fees Authorized: \$780.0  
Payment Category: CC - Credit Card  
Credit Card Number: \*\*\*\*\*2005  
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Card Holder Name: Ernest A Beutler, Attorn  
RAM User ID: EFSPROD  
RAM Accounting Date: 2001-12-10  
RAM Sequence Number: 372230  
RAM Payment Status: RAM success  
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# TRANSMITTAL FORM

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09/683286  
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SIMTEK6227

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

Submission Type: Utility Patent  
Filing

## PERMANENT MAGNET TYPE ROTOR AND PERMANENT MAGNET TYPE ROTARY ELECTRIC MACHINE

First Named Inventor: Tadashi Takano

### SUBMITTED BY

Name:

Ernest A. Beutler

Registration Number:

19901

Electronic Signature Mark:

ferrarilover

Date Signed: 20011210

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration

F6227Dec1.tif

declaration

F6227Dec2.tif

F6227Dec3.tif

SIMTEK6227apds.xml

SIMTEK6227asgn.xml

SIMTEK6227fee.xml

SIMTEK6227app.xml

F6227Dec1.tif

F6227Dec3.tif

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马 静	29	女	汉				

### Comments:

[illegible]

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**DECLARATION AND POWER OF ATTORNEY - USA PATENT APPLICATION**

As below named inventors, we hereby declare that:

Our residences, post office address and citizenships are as stated below next to our names

We believe we are the original, first and sole inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **PERMANENT MAGNET TYPE ROTOR AND PERMANENT MAGNET TYPE ROTARY ELECTRIC MACHINE**, the specification of which is attached hereto;

We hereby state that we have reviewed and understand the contents of the above - identified specification, including the claims, as amended by any amendment referred to above;

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, including that which occurred between the filing date of the prior application and the filing date of this application;

We hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

Priority  
Claimed

No..	2000-387361	Country:	Japan	Date Filed:	December 20, 2000
	YES				
No..	2001-344656	Country:	Japan	Date Filed:	November 9, 2001
	YES				

We hereby claims the benefit under Title 35, United States Code, §120 for any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, We hereby acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §156(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

**POWER OF ATTORNEY:** We hereby appoint the following attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith (if this application is assigned, we acknowledge that the appointed individual does not represent us, and that instead he represents the assignee): **Ernest A. Beutler, Registration No. 19,901, Customer No. 25776.**

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that

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Attorney's Docket No. SIMTEK6227

these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon

Full name of first inventor: **Tadashi Takano**Inventor's signature Tadashi TakanoDate 10. Dec. 2001.Residence: **c/o 1450-6 Mori, Mori-machi,  
Shuuchi-gun, Shizuoka-ken, Japan**Citizenship: **Japan**Post Office Address: **same as residence**Full name of second inventor: **Hideaki Takahashi**Inventor's signature Hideaki TakahashiDate 10. Dec. 2001Residence: **c/o 1450-6 Mori, Mori-machi,  
Shuuchi-gun, Shizuoka-ken, Japan**Citizenship: **Japan**Post Office Address: **same as residence**Full name of third inventor: **Susumu Ando**Inventor's signature Susumu AndoDate 10. Dec. 2001Residence: **c/o 1450-6 Mori, Mori-machi,  
Shuuchi-gun, Shizuoka-ken, Japan**Citizenship: **Japan**Post Office Address: **same as residence**

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Fax:0538-21-1102

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Attorney's Docket No. SIMTEK6227

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Ernest A.

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Author	Year	Country	Sample Size	Age Range	Gender	Occupation	Education	Income	Health Status	Stress Level	Life Satisfaction	Well-being
Smith et al.	2001	USA	1,200	18-65	Male	Student	High School	\$10,000	Good	Low	High	High
Johnson et al.	2003	Canada	800	25-55	Female	Teacher	University	\$25,000	Fair	Medium	Medium	Medium
Lee et al.	2005	South Korea	1,500	30-70	Male	Engineer	University	\$30,000	Good	Low	High	High
Wang et al.	2007	China	2,000	20-60	Male	Farmer	Primary School	\$5,000	Poor	High	Low	Low
Miller et al.	2009	USA	900	40-80	Female	Retiree	High School	\$15,000	Fair	Medium	Medium	Medium
Chen et al.	2011	Taiwan	1,100	25-65	Male	Manager	University	\$20,000	Good	Low	High	High
Ng et al.	2013	Singapore	700	35-75	Female	Homemaker	Primary School	\$12,000	Fair	Medium	Medium	Medium
Patel et al.	2015	India	1,300	20-50	Male	Software Engineer	University	\$18,000	Good	Low	High	High
Alam et al.	2017	Bangladesh	950	30-60	Female	Teacher	University	\$8,000	Fair	Medium	Medium	Medium
Kim et al.	2019	South Korea	1,400	25-70	Male	Student	University	\$10,000	Good	Low	High	High
Nguyen et al.	2021	Vietnam	1,600	20-60	Male	Farmer	Primary School	\$6,000	Poor	High	Low	Low

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 2005  
Expiration Date: 20021231  
Authorized Name: Ernest A Beutler, Attorn  
Billing Address: 92660

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 12	103	\$ 18	0	\$ 0
Independent Claims: 2	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

## ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40